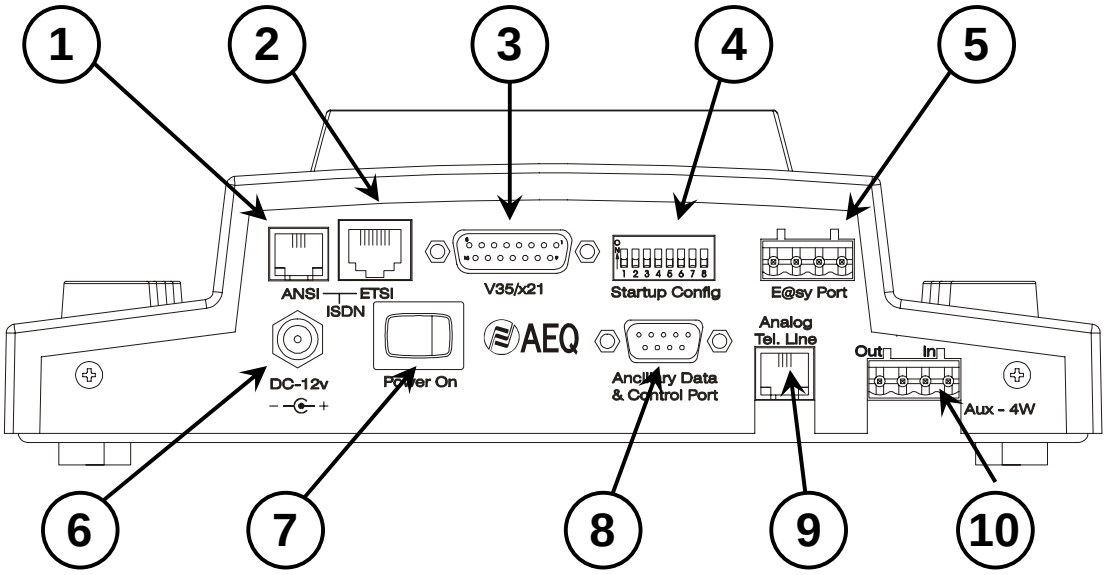
SWING Quick User's Guide (National-1)



1) Turning the Equipment On:

- Before connecting the power supply to the equipment make sure that the **Power On** switch (7) is on the OFF position.
- Once the power supply's threaded connector is properly connected to the equipment (6), then the power supply can be connected to the outlet.
- After all previous steps have been completed it is now save to turn on the equipment using the **Power On** switch (7). The LCD screen should be on, indicating that all is working properly.

2) Connection to the "U" Interface Jack:

- Make sure that the DIP micro switch 8 is up. Switch 1 selects between the basic ISDN standards (up = USA & Canada, down = Europe and other countries). If they are not in the rigth position, place them in the up position and restart the equipment.
- In most cases the connection to ISDN will be done through the RJ-11 **ANSI** connector (1). Use the cable supplied with the equipment to connect it to the "U" interface jack (if the ISDN jack installed by the ISDN service provider is RJ-45, "S" type, please refer to the User's Manual for further explanation).

3) Configuring the ISDN Terminal Adapter. In order for the Swing to receive or place any calls the Terminal Adapter must be configured correctly, this is accomplished by entering MSN and SPID numbers, in the following manner:

- Press the **Set Up** button on the keypad to access the **Set Up** menu.
- You will see the "**1. ISDN**" option on the LCD screen, press the **Yes** button to enter into this option and set up the MSN and SPID numbers.
- Press the (↙ ↗) keys to navigate between **NUMBER LINE 1**, **NUMBER LINE 2**, **SPID Line 1** and **SPID Line 2**. Press the **Yes** button to enter into the desired option.
- **NUMBER LINE 1** and **2** are entered by pressing the corresponding numbers from the keypad. Press the ↙ key to erase any mistakes. Press the **Yes** button once the number is correct to save it.
  Note: the three digit area code should not be included when entering these numbers.

- The **SPID** numbers will be entered in the same way using the keypad. Press the ↙ key to erase any mistakes. Press the **Yes** button once the numbers are in correctly to save them. The ISDN service provider should supply the SPID numbers.
- The equipment should be restarted at this point. Any changes and entries will be saved even when the equipment is turn off.

4) Choosing a Coding Mode:

- **The Swing usually comes ready to place a call in G.722 Statistical mode, but other modes can be selected.** Press the **Coding** button on the keypad to access the list of coding modes that can be selected.
- The coding method used on the last call will appear on the LCD screen. By pressing the (↙ ↗) keys all other methods will be accessed.
  Note: G.722 and G.711µ are the most commonly used, so all other modes can be found under the ADVANCED option.
- Press the **Yes** button to select the coding method desired. The coding method will be saved even after the equipment is turned off.

5) Placing a call on ISDN:

- Press the **ISDN** button on the keypad, the LCD screen will show the lines that are available depending on the coding mode being used. **Example:** If MPEG128 or LD-2 is being used, two lines will be available, but in all other modes only one line will be available.
- There will be a '**>**' over the line on which the call will be placed, the (↙ ↗) keys allow movement between the lines. Usually the **>** will be pointing at the line on which the call should be placed on.
- Once the line has been selected press the **Yes** button, which will allow entering the targeted phone number. The number will be entered using the keypad, and erasing can be accomplished by using the ↙ key.
- Finally, when the targeted phone number is in correctly press the **Yes** button and the call will be placed.
  Note: both the codec that is placing the call and the one that is receiving have to be in the same coding mode.
- In 128 modes, the call should be placed on L1 first, then after L1 connects and synchronizes, the call on L2 can be placed.
- Press the **No** button to end the call.

6) Using the Analog Line:

- **The swing allows an ISDN communication and an analog communication to be established simultaneously, or individually if desired.** Connect the RJ-11 cable in the **Analog Tel. Line** connector (9) on the back of the equipment.
- Press the ☎ button on the keypad: this will connect the phone line and the dial tone should appear on headphones.
- Press the **Dial Pad** button to activate the keypad, this will allow the target phone number to be entered.
- Press the ☎ button again to end the call.
- For other analog line options please refer to the User's Manual.